

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-24 are cancelled.

25. (New) A cap for a laminated carton packaging for beverages, wherein the cap:

is constructed of plastic;

includes a spout element having a screw thread and a spout opening designed to be closed by a screw cap; and

is deep drawn, further wherein the laminated carton packaging includes a packaging body.

26. (New) The cap according to claim 25, wherein the spout element has a screw thread with at least one thread turn.

27. (New) The cap according to claim 25, wherein the spout element has a screw thread with at least one thread turn and the at least one thread turn comprises several thread sections arranged with a distance to each other and aligned with each other.

28. (New) The cap according to claim 25, wherein the plastic is a deep drawing monomer foil.

29. (New) The cap according to claim 25, wherein the plastic is a deep drawing multilayer foil.

30. (New) The cap according to claim 29, wherein the multilayer foil has at least one of oxygen and aroma barrier properties.

31. (New) The cap according to claim 25, wherein the cap has a circumferential upward angled edge.

32. (New) The cap according to claim 25, wherein the cap has a circumferential downward angled edge.

33. (New) The cap according to claim 25, wherein the cap has a circumferential upward angled edge with a concentric adjacent collar with a slightly outward pitch and downward tapering periphery.

34. (New) The cap according to claim 25, wherein the spout opening is sealed by a film before an unscrewing of the screw cap.

35. (New) The cap according to claim 25, wherein the screw cap is screwed liquid-tight onto the spout element.

36. (New) A tool for deep drawing a cap for a laminated carton packaging for beverages having a deep drawing form with a multitude of suction holes, comprising:

the deep drawing form including a thread feed pipe, wherein,

before a deep drawing procedure, the thread feed pipe is moved out of a tool body of the deep drawing form into a working position via a spindle drive; and

after the deep drawing procedure, the thread feed pipe is unscrewed out of the cap, further wherein the cap is formed of rigid plastic.

37. (New) A tool for deep drawing a cap for laminated carton packaging for beverages with a deep drawing form having a multitude of suction holes, comprising:

the deep drawing form including a tube arranged with recesses formed as screw threads;

a spreading tool, positioned under the tube, arranged with a multitude of elevations executed as a thread turn corresponding to divisions of the spreading tool, wherein,

the spreading tool is driven into the tube during a deep drawing procedure thereby moving the elevations of the spreading tool outwardly through the recesses of the tube.

38. (New) The tool according to claim 37, wherein the tube and the spreading tool have a slightly conical form.

39. (New) The tool according to claim 37, wherein the spreading tool comprises three spreading elements.

40 (New) The tool according to claim 36, wherein knives are arranged in the tool of the deep-drawing form for punching out at least one of the cap and the spout opening of the cap.

41. (New) A method for manufacturing a cap for a laminated carton packaging for beverages, wherein the laminated carton packaging for beverages comprises a plastic cap and a packaging body, comprising the steps of:

supplying a plasticized foil over a deep drawing form having a thread feed pipe projecting out of a tool body;

deep drawing of the foil;

releasing of a deep drawn cap after an unscrewing of the thread feed pipe from the cap by means of screwing into the tool body; and

punching out the cap and a spout opening.

42. (New) A method of manufacturing a cap for a laminated carton packaging for beverages, wherein the laminated carton packaging for beverages comprises a cap constructed from plastic and a packaging body, comprising the steps of:

supplying a plasticized foil over a deep drawing form having a tube and a spreading tool, wherein the spreading tool includes thread turns;

spreading out the spreading tool;

deep drawing the foil over the thread turns of the spreading tool, wherein the spreading tool is in a spread-out position;

releasing a deep drawn cap after coincided driving of the thread turns forming the spreading tool; and

punching out the cap and a spout opening.

43. (New) The method according to claim 42, wherein the supplying of the plasticized foil over the deep drawing form and the spreading out of the spreading tools in an inside of the tube occur simultaneously.

44. (New) The method according to claim 42, wherein the releasing of the deep drawn cap and the punching out of the cap and the spout opening occur simultaneously.

45. (New) The method according to claim 41, wherein the releasing of the deep drawn cap and the punching out of the cap and the spout opening occur simultaneously.

46. (New) A laminated carton packaging for beverages, comprising:
a cap; and
a packaging body,
wherein the cap:
is constructed of plastic;
includes a spout element having a screw thread and a spout opening designed to be closed by a screw cap; and
is deep drawn.

47. (New) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises carton/plastic/Al laminate material.

48. (New) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises a jacket constructed of carton/plastic laminate material and a bottom constructed of plastic.

49. (New) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises a jacket constructed of carton/plastic/Al laminated material and a bottom constructed of plastic.

50. (New) The laminated carton packaging for beverages with a cap according to claim 46, wherein the packaging body comprises carton/plastic laminate material.